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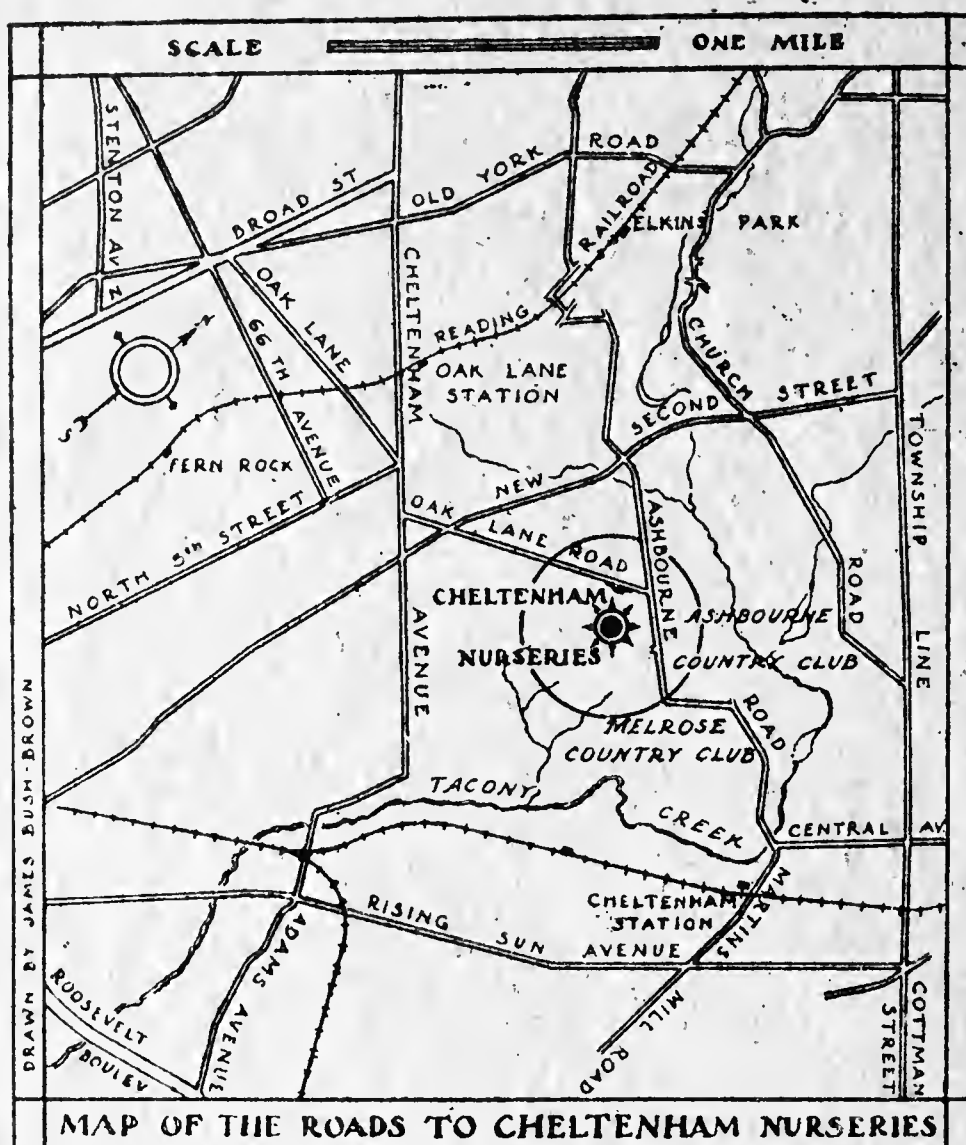
★ APR 17 1937 ★

U. S. Department of Agriculture

Cheltenham Nurseries

**CHELtenham
PENNA.**

1937



To reach the nursery from Philadelphia: At Broad Street just above 6600 north turn east on Oak Lane; after about half a mile bend right onto Cheltenham Road (City Line); less than a block later turn left onto Oak Lane Road; Cheltenham Nurseries is a half mile further, on the right hand side, just before you come to the Ashbourne Country Club.

TERMS OF SALE

All plants are offered subject to crop failure, losses from other unavoidable causes, and to their being unsold upon receipt of order.

TERMS are cash except for those with established credit; anyone who wishes to open an account should send two business references and give us sufficient time to investigate them. All accounts are due, net, in thirty days; 6% interest will be charged on accounts more than sixty days old.

DELIVERY. It is to the advantage of the customer to come and select his own plants and we are glad to have him do so.

Regular free delivery service will be maintained from April 1 to July 1 as follows:

Jenkintown and Vicinity	Mondays
Germantown and Vicinity	Wednesdays
Chestnut Hill and Vicinity	Thursdays
(day subject to change without notice)	

At all other times free delivery will be made in this vicinity only on orders of \$5.00 or more.

Special arrangements may be made for the delivery of large orders.

All orders for delivery outside of our regular area will be sent express collect at the purchaser's risk, unless other arrangements are made. Please add 25 cents extra remittance to all orders of less than \$2.50 which are ordered for shipment; this charge is made to cover, partially, the packing expenses.

(Miss) Leora Seeber, Manager

CHELTENHAM NURSERIES

Oak Lane & Ashbourne Roads
Cheltenham, Pa.
Phone:
Melrose 1832

Business Hours:
Week days 8 A. M. - 5 P. M.
Evenings by appointment
Sunday closed

PERENNIALS

THE LIST — We have carefully selected the plants for this list, and have excluded all which have no place in the well-considered garden. To be sure all of these perennials are not equally valuable, and some have serious faults, but are included because of their adaptability to some special situation. There is no such thing as a perfect plant: blue flax is possessed of delicacy, grace, color, and a long blooming season, and it is free from disease and insect pests, but mature plants will not stand transplanting and it is short lived, though it compensates somewhat for these faults by self-sowing easily. The net result is one of the most satisfactory plants for the average garden.

In addition to the species and varieties listed in this catalogue, we have at the nursery many others, of which we have a small stock only; if you do not find what you wish on this list, ask us about it, for we may have it in stock.

DESCRIPTIONS — In a catalogue of this size it is impossible to give a complete picture of each plant, its appearance, habits, and preferences, but we have attempted to give here what appear to us to be the salient points. We have had to omit much valuable information, but if you want to know the foliage type of *Caryopteris*, whether *Geums* like sun, or anything else about perennials, we will be glad to assist you to the best of our knowledge and experience.

COLOR — Word descriptions of color are admittedly inaccurate because people do not see alike: what is purple to one may be blue or red to another. If you are trying to work out a color scheme and want to know whether the pink listed is one which will ‘click’ with rose or fight with it, we will give you our opinion on the matter. But as it is a controversial subject, we would much prefer that you would come to see the flowers in bloom and decide for yourself.

DATES — Flowering dates vary, of course, from season to season and place to place, and we only approximate them in this list. We do however keep a record of the blooming dates of all plants in the nursery, so if you live in the vicinity of Philadelphia and want to know whether cowslips and blue phlox can be depended upon to bloom together, we will be glad to give you the benefit of our experience on that point, or any other comparative blooming dates.

HEIGHT — The numbers preceeding the common names of each plant give the approximate height of the plant at blooming time. It is hardly necessary to point out that this will vary, as much as several feet in some instances, according to the soil, the amount of feeding, water, and the care which the plants receive.

TRANSPLANTING TIME — A good general rule is to transplant fall-blooming perennials in the spring and spring-blooming ones in the fall, but this is not always convenient. Almost everything can be transplanted in very *early* spring, as soon as it is possible to get on the ground. All spring transplanting of perennials should be completed before May, and fall planting should be done early enough for the roots to get established before the ground freezes: the last of September is ideal for most plants. At any time of year the weather must be taken into consideration: avoid transplanting in a high wind or under a blazing sun; a dull cloudy day before a rain is the best time.

CHELTENHAM PERENNIALS

QUALITY — Our plants are divided frequently so that you may be sure of obtaining healthy young specimens. The border perennials are field grown and not to be compared with the small potted divisions frequently offered. Plants difficult to transplant, and small plants which do not suffer from confinement, are grown in pots for your convenience in handling. Younger plants and established clumps of each variety, are usually available and these plants are obtainable at a suitable difference in price. Our plants, as are yours, are subject to the ravages of rabbits, disease, and climate, and while we take every precaution, there is some variation in size from time to time.

PRICES — The prices quoted are for standard one- or two-year (according to variety) field-grown perennials, or their equivalent from pots. In most instances the prices for three, and per dozen, are given in the list. Six plants are sold at the dozen rate, 25 at the hundred rate, and less than three at the single rate, which is as follows:

For plants quoted at 40c for 3 — 15c each,	\$1.50 per doz; \$10.50 per 100
“ “ “ “ 55c for 3 — 20c “ ,	2.00 per doz; 14.00 per 100
“ “ “ “ 65c for 3 — 25c “ ,	2.50 per doz; 17.50 per 100
“ “ “ “ 95c for 3 — 35c “ ,	3.50 per doz; 24.50 per 100

GUARANTEE — As after-care and weather conditions are the determining factors in the health of plants, we cannot guarantee them to live and thrive after leaving our nursery. *We do Guarantee all plants to be properly labeled as to variety and color, and we will replace, free of charge, any plants which prove untrue.*

PERENNIALS FLOWERING IN AUGUST

Aster Frikarti	Hibiscus incanus	Salvia azurea
Artemisia lactiflora	“ Moscheutos	“ farinacea
Caryopteris Mastacanthus	Hosta plantaginea	“ Pitcheri
Ceratostigma	Kniphofia Uvaria Pfitzeri	Scabiosa japonica
plumbaginoides	Liatris scariosa	Sedum spectabile
Clematis heracleaefolia	Lobelia cardinalis	“ Sieboldii
Davidiana	“ sylphilitica	Silene schafta
Eupatorium ageratoides	Phlox paniculata varieties	Statice latifolia
“ coelestinum	Physostegia virginiana alba	Veronica longifolia
Helenium varieties	“ Vivid	subsessilis

PERENNIALS FOR DRY SOIL

Achillea Ptarmica	Cheiranthus Allioni	Oenothera fruticosa
“ Boule de Nieve	Centranthus ruber	“ missouriensis
“ tomentosa	Cerastium tomentosum	Papaver pilosum
Alyssum argenteum	Ceratostigma plumbaginoides	Physostegia virginiana
“ saxatile	Coreopsis lanceolata	alba
Anchusa italica Dropmore	Dianthus plumarius	Salvia azurea
Anthemis tinctoria	Echinops Ritro	Santolina incana
Arabis alpina	Gaillardia grandiflora	Sedum album
Artemisia gnaphalodes	Helenium varieties	“ acre
Silver King	Helianthemum varieties	“ sexangulare
Asclepias tuberosa	Iris pumila	“ spectabile
Campanula rotundifolia	Linum perenne	Sempervivum species
“ Trachelium		Statice latifolia
		Stokesia cyanea

CHELTENHAM PERENNIALS

Achillea Ptarmica Boule de Nieve; white, 1-2 ft.; *Sneezewort*; July; 65c for 3; \$2.50 per doz.

A sprawly plant, with sprays of neat white flowers, excellent for cutting.

— *tomentosa*; yellow, 8-10 in.; *Woolly Yarrow*; June, 55c for 3; \$2.00 per doz.

Flat heads of bright flowers form a woolly carpet; rock garden.

Ageratum, hardy—sec *Eupatorium*.

Agrostemma—sec *Lychnis*.

Alyssum saxatile compactum; yellow, 8 in.; *Golden Basket*; May; 65c for 3, \$2.50 per doz. A favorite for the dry sunny rock garden, producing great showers of golden flowers.

— *citrinum*; pale yellow, 6 in., May; 65c for 3, \$2.50 per doz.

Somewhat dwarfer than the type, with flowers of soft creamy yellow.

— *flora plena*; double flowers of rich yellow which have a long blooming season. 50c each.

Anchusa italica Dropmore; blue, 5 ft., June; *Alkanet*; 65c for 3, \$2.50 per doz.

Bold and showy when in bloom; inclined to be biennial and rot if planted in a damp place.

— *myosotidiflora* (*Brunnera macrophylla*); blue, 15 in., *Siberian Forget-Me-Not*; April; 65c for 3; \$2.50 per doz.

Easy to grow and a real blessing in the spring and good foliage all summer.

Anemone hupehensis; rose, 18 in., Sept.; 65c for 3; \$2.50 per doz.

A dwarf, early blooming, Japanese anemone.

— *japonica*; 3 ft., *Japanese Anemone*; Oct.; 95c for 3; \$3.50 per doz.

Tall and stately; a true patrician and accordingly in need of special care.

Alba—white.

— *pulsatilla*; blue purple, 1 ft.; *Pasque Flower*; April; 65c for 3; \$2.50 per doz.

A squatty plant with large, attractive flowers, followed by an interesting silky seed pod; likes lime.

— *sylvestris*; white, 1 ft.; *Snowdrop Anemone*; May-June; 50c each.

Pure white, fragrant stars, suitable for a rich woodsy situation.

Anthemis tinctoria; yellow, 3 ft.; *Golden Marguerite*; June-July; 55c for 3; \$2.00 per doz.

Rampant but not ragged, and profusely covered with bright, showy daisies; valuable for its long blooming habit, and the excellent stems it offers for cutting.

Aquilegia; *Columbine*. All of the plants in this group bear graceful, spurred flowers and thrive in a well-drained and aerated situation, in sun or shade. They are short-lived plants, but they add so much to a garden that it is worthwhile to replace them.

— *caerulea* Suttons long-spurred Azure Fairy; 95c for 3; \$3.50 per doz.

— *Rose Queen*; pink, 3 ft.; May-June; 65c for 3; \$2.50 per doz.

Flowers come in various shades of rose and pink with white or pale yellow spurs.

— *canadensis*; red and yellow, 2 ft.; *Common American Columbine*; May; 65c for 3; \$2.50 per doz.

Small plant with nodding flowers, native of our eastern states.

— *chrysantha*; yellow, 4 ft.; *Golden-Spurred Columbine*; June; 65c for 3; \$2.50 per doz.

Pure yellow variety with same habit and form as *caerulea*, but longer-lived and later blooming.

— *Crimson Star*; red, 3 ft.; May; 95c for 3; \$3.50 per doz.

Large, crimson and cream flowers of the *caerulea* type.

— *Dobbie's Imperial Hybrids*; 3 ft.; *Long-Spurred Hybrids*; May; 65c for 3; \$2.50 per doz.

All colors in the long-spurred type; recommended where particular color effect is not desired.

— *flabellata*; white, 1 ft.; *Fan Columbine*; May; 65c for 3; \$2.50 per doz.

A rather chubby Columbine with rounded spurs and flowers of egg shell texture; attractive foliage and dwarf habits make it suitable for the rock garden.

— *Helena*; blue and white, 2 ft.; May; 65c for 3; \$2.50 per doz.

A hybrid with the heavy foliage and flower shape of *A. flabellata*, but with the coloring and some of the size of *caerulea*.

— *Hensol Harebell*; blue, 18 in.; May; 95c for 3; \$3.50 per doz.

Semi-dwarf plant, literally covered with flowers of bright, clear color.

— *Mrs. Scott Elliott Hybrids*; 3 ft.; May; 65c for 3; \$2.50 per doz.

Similar to *Dobbie's Hybrids*.

— *oxysepala*; blue and white, 2 ft.; *Early Columbine*; June; 95c for 3; \$3.50 per doz.

Semi-dwarf variety with rounded spurs.

Arabis alpina; white, 1 ft.; *Rock Cress*; April; 65c for 3; \$2.50 per doz.

The earliest flower which creates a real show in the rock garden; should be clipped back from time to time to keep it within bounds.

CHELTENHAM PERENNIALS

- — flora plena; white, 1 ft.; *Double Rock Cress*; May; 95c for 3; \$3.50 per doz.
A more interesting and attractive form of *A. alpina*; flowers come a little later but last longer.
- procurrens; white, 8 in.; darker green leaves than *alpina* and does well in part shade if well drained; good for rock walls. 95c for 3; \$3.50 per doz.
- Arenaria montana*; white, 4 in.; *Sandwort*; May; 65c for 3; \$2.50 per doz.
A green, prostrate plant, covered with white flowers.
- verna; white, 2 in., May; 95c for 3; \$3.50 per doz.
Tiny, threadlike, mossy plant with small white flowers.
- Armeria alpina*; pink, 6 in.; *Thrift*; May; 65c for 3; \$2.50 per doz.
Small heads of flowers above neat tufts of grassy foliage; a long blooming season.
- Artemisia lactiflora*; creamy white, 4 ft.; *Mugwort*; Aug.; 65c for 3; \$2.50 per doz.
Tall, frothy plumes; not very showy but useful for the back of the border and for cutting.
- gnaphalodes Silver King; 3 ft.; 55c for 3; \$2.00 per doz.
Delicate and graceful, gray foliage, which may be dried for winter bouquets; not a rampant spreader but a bit of a wanderer.
- For other species see Herb leaflet.
- Asarum canadense*; 8 in., April, May; 65c for 3; \$2.50 per doz.
Wild Ginger; brownish purple flowers 1 in. across; thrives in moist rich woods.
- Asclepias tuberosa*; orange, 2 ft.; *Butterfly Weed*; July; 65c for 3; \$2.50 per doz.
Large, flat clusters of vivid flowers, thriving in hot, sunny situations.
- Aster alpinus*; blue-violet, 10 in.; *Alpine Aster*; June; 65c for 3; \$2.50 per doz.
Neat little plants with yellow-centered flowers; a joy in the rock garden.
- amellus King George; 18 in.; large bluish-violet flowers from July to Oct.; flowers are similar to *A. Frikarti* but plant is lower and bushier; watch for root aphids. 65c for 3; \$2.50 per doz.
- dwarf hybrids; Sept. flowering, giving a wealth of bloom to the early fall garden; 95c for 3; \$3.50 per doz.
Countess of Dudley; 9 in., clear pink with contrasting yellow eye, bushy habit.
Lady Henry Maddocks; 12 in.; the pale pink petals are narrower than other varieties giving a daintier effect; combines well with the preceding.
- Ronald*; 12 in.; rose-pink buds open to lilac-pink flowers.
- Victor*; 9 in., dwarfest of all, early, and very profuse flowering; pale blue flowers.
- *Frikarti*; blue, 2 ft.; Aug.-Nov.; 50c each.
Of pleasant habit and remarkably long blooming period; large, attractive flowers; watch for root aphids.
- novae angliae Barr's Pink; reddish rose, 4 ft.; Sept.; 65c for 3; \$2.50 per doz.
Covered with deep rosy flowers; good for the back of the border.
- novi-belgii Queen Mary; soft blue; 3 ft., Sept.-Oct.; 65c for 3; \$2.50 per doz.
A favorite aster of medium height with flowers of clear color.
- — Red Rover; 3 ft.; color is similar to Barr's Pink but plant is superior; bushy; flowers are smaller but there are more of them. 50c each.
This makes an excellent combination with *Countess of Dudley* and *Lady Henry Maddocks* giving 3 shades of pink and rose that blend.
- — White Climax; white, 3 ft.; Sept.; 65c for 3; \$2.50 per doz.
- Astilbe Juno*; *False Spirea*; 3 ft.; rose; June; 95c for 3; \$3.50 per doz.
Graceful plumes above neat, attractive foliage; does well in shade—particularly if moist.
- Aubrietia deltoidea hybrida*; deep violet; 6 in.; April; 65c for 3; \$2.50 per doz.
A brilliant showing in very early spring; good drainage is essential, but avoid a hot situation.
- Auricula*—see *Primula auricula*.
- Baby's Breath*—see *Gypsophila*.
- Balloon Flower*—see *Platycodon*.
- Baptisia australis*; blue, 4 ft., *False Indigo*; June; 65c for 3; \$2.50 per doz.
Stately plant, useful where *Lupines* will not thrive; dislikes transplanting.
- Beard's Tongue*—see *Pentstemon*.
- Belamcanda chinensis* (*Pardanthus chinensis*); orange, 4 ft.; *Blackberry Lily*; July-Aug.; 65c for 3; \$2.50 per doz.
Iris-like foliage; flowers spotted. Shiny black seed in clusters resemble blackberries.
- Bellflower*—see *Campanula*.
- Blackberry Lily*—see *Belamcanda*.
- Blanket Flower*—see *Gaillardia*.
- Bleeding Heart*—see *Dicentra*.
- Bloodroot*—see *Sanguinaria*.

CHELTENHAM PERENNIALS

Bluebells—see *Campanula* and *Mertensia*.

Blue Phlox—see *Phlox divaricata*.

Bocconia cordata; white, 8 ft., *Plume Poppy*; July-Aug.; 55c for 3; \$2.00 per doz.

A handsome, soaring plant, with frothy flowers followed by attractive bronzy seed pods; it will fill a shady corner beautifully, but beware of its spreading propensities.

Boltonia latisquama; 5 ft.; similar to the Asters; single pale pink flowers in Sept.; 65c for 3; \$2.50 per doz.

Buddleia Ile de France; *Butterfly Bush*; 6-8 ft.; really a shrub but frequently dies back to the ground in severe winters so that it may be treated as herbaceous. This is the hardiest variety and has brilliant rosy violet purple flowers from mid-summer to fall. 50c each.

Butterfly Weed—see *Asclepias*.

Calimeris incisa; white, 15 in.; June-July; 65c for 3; \$2.50 per doz.

Neat little bushy plants, bearing white daisies all summer.

Calluna vulgaris; rose, 3 ft.; *Heather*; Aug.; 50c each.

A slow growing evergreen, useful in the rock garden and for edging *Rhododendrons* and *Azalea* plantings.

Campanula carpatica; blue, 1 ft., *Carpathian Hare-Bell*; June-Aug.; 65c for 3; \$2.50 per doz.

Round cushions of foliage bearing 2 in., cup-like flowers; useful for summer bloom in the rock garden; withstands shade.

— White Star; white, 1 ft.; June-Aug.; 95c for 3; \$3.50 per doz.

— *garganica*; blue, 6 in., June; 95c for 3; \$3.50 per doz.

A trailing mat starred with blue; beautiful but requires special handling in the rock garden.

— *glomerata*; violet, 2 ft., *Clustered Bell Flower*; 65c for 3; \$2.50 per doz.

Stiff stems, bearing tight clusters of brilliant flowers.

— medium; 4 ft.; *Canterbury Bell*; June; 65c for 3; \$2.50 per doz.; pink, white.

These plants are biennial and must be planted every year, but the gorgeous show which they produce makes it worthwhile. As in all *Campanulas*, pinching off the individual flowers will lengthen the blooming period.

— *Calycanthemum*; 4 ft.; *Cup and Saucer*; June; 65c for 3; \$2.50 per doz.

Lilac.

Similar to the *Canterbury Bell*, but with an extra row of petals like a saucer under the cup.

— *persicifolia*; blue, 3 ft., *Peach-Leaved Bellflower*; June; 65c for 3; \$2.50 per doz.

Tall, slender stems of large flowers blooming for a long time.

— *pyramidalis*; pale blue, 5 ft.; *Chimney Bellflower*; July; 65c for 3; \$2.50 per doz. Striking plant, usually treated as biennial.

— *rotundifolia*; blue, 15 in.; *Harebell*; June-Oct.; 65c for 3; \$2.50 per doz. Very slender and graceful; flowers small but profuse; easy to grow and worthwhile.

— *trachelium*; blue, 3 ft., *Coventry Bells*; July-Aug.; 55c for 3; \$2.00 per doz.

Weedy, but valuable where soil is too bad or too shady for other things.

Candytuft—see *Iberis*.

Canterbury Bell—see *Campanula medium*.

Cardinal Flower—see *Lobelia*.

Caryopteris mastacanthus; blue, 5 ft., *Blue Spirea*; Aug.-Oct.; 65c for 3; \$2.50 per doz.

A shrub in the south, but dies back to the ground here; a refined plant for fall accent.

— — *superbus* blue; larger flowers and leaves than the type. 95c for 3; \$3.50 per doz.

Centranthus ruber atrococcineus; 2 ft., *Red Valerian*; June; 65c for 3; \$2.50 per doz.

Large billowy plants with heads of fragrant flowers; very showy in the large rock garden or border; if the first bloom is cut it will continue to bloom all summer.

— — *albus*; white, 2 ft., June; 65c for 3; \$2.50 per doz.

Cerastium tomentosum; white, 6 in., *Snow-In-Summer*; May; 55c for 3; \$2.00 per doz.

Gray, woolly, trailing mat, smothered with flowers; invading.

Ceratostigma plumbaginoides (*Plumbago pentae*); blue, 10 in.; *Lead Plant*; Aug.-Sept.; 65c for 3; \$2.50 per doz.

Very brilliant flowers with bronzy foliage; spreading, but one of the best sources of color for the summer and fall rock garden.

Cheiranthus Allionii (*Erysimum asperum*); orange, 1-3 ft.; *Siberian Wall Flower*; May; 65c for 3; \$2.50 per doz.

Neat little plants literally covered with brilliant flowers; blooms the second time if cut back; best treated as biennial.

— *Lemon Queen*; a hybrid form of the preceding in yellow. 95c for 3; \$3.50 per doz.

— *Cheiri*; 2 ft., *English Wall Flower*; May; 65c for 3; \$2.50 per doz.

Hamlet—golden amber, compact grower. Orange Bedder.

Vulcan—crimson.

Old favorites because of their deep coloring and rich fragrance; transplant early in spring.

CHELTENHAM PERENNIALS

- Chelone barbata*—see *Penstemon*.
- *obliqua alba*; white, 2 ft.; *Turtle Head*; Aug.; 65c for 3; \$2.50 per doz.
Tight spikes of large flowers for the rich shady situation.
 - Chrysanthemum coreanum*; white, 3 ft.; *Korean Chrysanthemum*; Sept.-Oct.; 65c for 3; \$2.50 per doz.
Slender daisies so close together that it is hard to see the bright, shiny foliage. Plants are very hardy.
 - hybrids. 65c for 3; \$2.50 per doz. This new race of *Chrysanthemums* is a cross between the preceding and the usual double *Chrysanthemums*. They are single and come in very attractive colors difficult to describe because of their soft blending of many colors in one flower. They are early flowering, in late Sept. and Oct.
Apollo—bronze-red and old gold combination.
Ceres—a nice blending of old gold, chamois yellow and soft coppery bronze.
Daphne—soft daphne pink with a slight bronzy tint.
Diana—pink but with an apricot blending and more petals than the others.
Mars—deep amaranth red changing to wine red and overlaid with a velvety sheen. Contrasts well with pink.
Mercury—opening oxblood-red changing to coppery bronze and old rose. Early.
 - maximum; white, 2 ft.; *Shasta Daisy*; June; 65c for 3; \$2.50 per doz.
Handsome daisies 3 in. across; does better in moist situation.
 - *Shasta Daisy New Double Giants*; white, 2 ft.; July; 95c for 3; \$3.50 per doz.
Daisy with 2 or more rows of slender petals.
 - In variety, *Hardy Garden Chrysanthemums*; 65c for 3; \$2.50 per doz.
Amelia—compact bushy plants to 2 ft.; covered with double pink flowers from August until the end of the season; not a cut flower because of its short stems but an excellent garden plant.
Barbara Cummings; large yellow, mid-Sept.-Oct.
Frances Whittlesey; large, rich bronzy red; Oct.
Gold Lode; large, clear yellow; Oct.
Jean Cummings; large, white, Oct.
Little Bob; reddish-brown buttons; Nov.
Mrs. Buckingham; single pink; Oct.
 - Cimicifuga simplex*; *Snakeroot*; white, 3 ft.; Sept.-Oct. \$1.00 each.
Dense spikes of white flowers which last well when cut. Grow in moist soil in part shade or woodlands.
 - Clematis heracleaefolia Davidiana*; blue, 4 ft., July-Aug.; 65c for 3; \$2.50 per doz.
Sparse, hyacinth-like flowers; very fragrant.
 - *integrifolia*; 2 ft.; solitary nodding blue flowers 1½ in. long in June-July.
 - Convallaria majalis*; white, 8 in.; *Lily of The Valley*; May; 55c for 3; \$2.00 per doz., clumps, 95c for 3; \$3.50 per doz.
Well-known for its fragrance; thrives in a shady corner.
 - Coral Bells—see *Heuchera*.
 - Coreopsis lanceolata*; yellow, 2 ft.; June-Aug.; 55c for 3; \$2.00 per doz.
Cheery flowers surviving almost anything; plants get ragged about mid-summer.
 - Cowslip—see *Mertensia* and *Primula veris*.
 - Cyclamen*; miniature duplicates of the well-known house plant but hardy outdoors in a well drained spot. Do not allow to dry out in summer. The soil should be loose and rich with some lime in it. Cover with salt hay in winter.
 - *coum*—more tender than the others; very dark leaves and pink flowers with a magenta hue in early spring; 3 in.
 - *europaeum*—rose pink flowers very fragrant in July-Aug.; evergreen.
 - *neapolitanum*, rose pink and white flowers in mid-Sept.; leaves appear after the flowers and last until mid-summer.
Potted plants 75 each.
 - Delphinium belladonna*; light blue, 4 ft.; June; 65c for 3; \$2.50 per doz.
Loose, open spikes of pale blue flowers; not quite so subject to disease as the hybrids.
 - *bellamosum*; dark blue, 4 ft.; June; 65c for 3; \$2.50 per doz.
Like *belladonna* except for color.
 - Blackmore & Langdon hybrids; delicate shades of blue, mauve and pink and with larger flowers than the preceding; 65c for 3; \$2.50 per doz.
 - Dianthus barbatus*; 15 in.; *Sweet William*; June; 55c for 3; \$2.00 per doz.
Short-lived, best treated as biennials.
Crimson.
Newport Pink; brilliant salmon pink.
Sutton's Fairy; delicate shades of light pink.
Mixed.
 - *Beatrix*; pink, 1 ft.; May-June; 95c for 3; \$3.50 per doz.
Beautiful flowers like miniature carnations; dislikes hot weather.

CHELTENHAM PERENNIALS

— caesius; pink, 10 in., *Cheddar Pink*; June; 65c for 3; \$2.50 per doz.

— deltoides; rose, 1 ft., *Maiden Pink*; May, 55c for 3; \$2.00 per doz.

Bright green sods of foliage from which spring the wiry little flowers.

— plumarius; pink, 18 in.; *Scotch Pink*; May-June; 55c for 3; \$2.00 per doz.

Old fashioned fragrant pink; spreading.

— — flora plena; double white; 95c for 3; \$3.50 per doz.

— sternbergii; rose, 10 in.; June; 65c for 3; \$2.50 per doz.

Fragrant flowers off and on all summer.

— superbus; pale rose, 1 ft.; June; 65c for 3; \$2.50 per doz.

Pale, slender, deeply fringed flowers with neat foliage.

— sylvestris; 1 ft.; rose colored flowers in mid-summer.

Dicentra eximia; rose, 2 ft.; *Dwarf Bleeding Heart*; June-Oct.; 65c for 3; \$2.50 per doz.

Deeply cut, airy foliage; nodding flowers with short, rounded spurs; sun or shade.

— spectabilis (*Dielytra*); deep pink, 3 ft., *Bleeding Heart*; April-May; 50c each; \$1.40 for 3; \$5.00 per doz.

A charming, graceful plant with weeping hearts; it dies down in summer.

Dictamnus fraxinella, pinkish, 3 ft.; *Gas Plant*; June; 95c for 3; \$3.50 per doz.

Long enduring plant which takes years to get established.

— — alba; white form of the above.

Digitalis; *Foxglove*—We are not listing any of the old fashioned biennial Foxgloves, because in spite of all precautions we had them ruined repeatedly by thrips. The following true perennials are satisfactory border plants.

— ambigua; yellow, 3 ft.; *Yellow Foxglove*; May-June; 65c for 3; \$2.50 per doz.

Sparse flowers, large and showy.

— laevigata; yellow, 3 ft., June; 65c for 3; \$2.50 per doz.

Bronzy yellow, spotted with purple.

— lutea; yellow, 2 ft.; *Straw Foxglove*; June; 65c for 3; \$2.50 per doz.

Dense spikes of small, pale yellow flowers.

Dodecatheon Meadia; rose, 1 ft.; *Shooting Star*; May; 65c for 3; \$2.50 per doz.

White-centered flowers which look as though they might fly away; woodsy situation.

Doronicum plantagineum excelsum; yellow, 3 ft.; *Leopard's Bane*; May; 65c for 3; \$2.50 per doz.

Very large and showy daisies on long stems; beware of root lice.

Dragonhead, False—see *Physostegia*.

Echinops Ritro; blue, 4 ft., *Globe Thistle*; July; 55c for 3; \$2.00 per doz.

Metallic blue balls above stiff, prickly leaves.

Epimedium macranthum niveum; 9 in., white; dainty shade loving plants with bronzy foliage; April-May; 50c each.

Evening Primrose—see *Oenothera*.

Eupatorium coelestinum; blue, 3 ft.; *Mist Flower*, *Hardy Ageratum*; Sept.; 55c for 3; \$2.00 per doz.

Similar to *Ageratum* but more graceful; a rapid spreader which should be divided often; good cut flower.

Ferns—see Inside back cover.

Filipendula—see *Spirea*.

Flax—see *Linum*.

Foxglove—see *Digitalis*.

Foam Flower—see *Tiarella*.

Funkia—see *Hosta*.

Gaillardia grandiflora (aristata); yellow and red, 3 ft.; *Blanket Flower*; June-Oct.; 65c for 3; \$2.50 per doz.

Large and showy; good cut flowers all summer.

Gas Plant—see *Dictamnus*.

Geum chiloense; 2 ft., June; 65c for 3; \$2.50 per doz.

Flowers like large buttercups. Like lime. Lady Stratheden; yellow.

Orange Queen; orange.

— *Heldreichii magnificum*; red orange, 8 in., May; 65c for 3; \$2.50 per doz.

A touch of bright color for the early rock garden.

Ground Covers—see Inside back cover.

Gysophila paniculata Bristol Fairy; double white, 3 ft.; *Baby's Breath*; June on; 50c each; \$5.00 per doz.

Harebell—see *Campanula*.

Heather—see *Calluna*.

Helenium Moerheimi Beauty; bronze red, 2 ft.; July-Sept.; 50c each.

A new dwarf variety with longer blooming season.

CHELTENHAM PERENNIALS

- Riverton Gem; brownish red, 4 ft., Aug.-Sept.; 65c for 3; \$2.50 per doz.
A really showy plant at a time when there is a dearth in the garden.
- Riverton Beauty; yellow, 4 ft.; Aug.Sept.; 65c for 3; \$2.50 per doz.
Clear yellow form which combines well with Blue Sage.
- Helianthemum nummularium mutabile*; 1 ft., *Sun Rose*; May-June; 65c for 3; \$2.50 per doz.
Wiry little evergreens with flowers like single roses; effective in a dry sunny rock garden; protect in winter. Varieties: double orange, Mrs. Earle (double red), pink, yellow.
- Heliopsis vitellina*; 3 ft., yellow; *Hardy Zinnia*; 3 in. double flowers for a long period in mid-summer. Good for cutting and easy to grow; 65c for 3; \$2.50 per doz.
- Hemerocallis flava*; yellow, 3 ft.; *Lemon Lily*; May; 65c for 3; \$2.50 per doz.
Clear, fragrant flowers, borne well above wide, grassy foliage; lovely in combination with white Siberian Iris.
- *fulva*; orange, 5 ft.; *Tawny Day Lily*; July; 55c for 3; \$2.00 per doz.
Rusty, orange red flowers; an iron-clad perennial succeeding under all conditions.
- *Thunbergii*; yellow, 3 ft.; *Late Lemon Lily*; July; 65c for 3; \$2.50 per doz.
Similar to *flava* except for blooming time.
- Hen and Chickens—see *Sempervivum*.
- Herbs—If interested, send for special list.
- Hernaria glabra*; green, 3 in.; *Rupture Wort*; 65c for 3; \$2.50 per doz.
A close mat of green foliage turning bronzy red in winter.
- Hesperis matronalis*; mixed, lavender, pink and white; 4 ft.; *Sweet Rocket*; May; 55c for 3; \$2.00 per doz.
Fragrant flowers similar to Phlox; effective in a shady situation; sometimes biennial, but usually self-sows.
- *alba*—white form of above; 65c for 3; \$2.50 per doz.
- Hosta caerulea (ovata)*; lavender, 3 ft.; *Blue Plantain Lily*; 55c for 3; \$2.00 per doz.
Luxuriant foliage even in shade, surmounted by tall stems of nodding flowers.
- *japonica alba-marginata*; pale lilac, 2 ft.; July; 65c for 3; \$2.50 per doz.
Slender plant with white-edged leaves.
- *lanceolata*; 2 ft., late flowering lilac flowers in Sept.; smaller leaves than others; 65c for 3; \$2.50 per doz.
- *plantaginea (subcordata)*; white, 30 in., *Fragrant Plantain Lily*; Aug.; 65c for 3; \$2.50 per doz.
Very large, fragrant flowers; useful in shade along with the rest of the tribe.
- Hypericum calycinum*; 1 ft., yellow flowers, 2 in. across in summer; 65c for 3; \$2.50 per doz.
Good summer bloom followed by pretty bronzy foliage in autumn.
- Iberis sempervirens*; white, 1 ft.; *Candy Tuft*; May; 65c for 3; \$2.50 per doz.
Neat evergreen with elongated flower heads.
- Little Gem; white, 9 in.; May; 95c for 3; \$3.50 per doz.
More compact and a little later blooming.
- Iris cristata*; blue, 3 in.; *Crested Iris*; May; 55c for 3; \$2.00 per doz.
White and yellow crest on lower petals; a dainty thing straying under trees or along the edge of a border.
- *Kaempferi*; 4 ft.; *Japanese Iris*; June; 95c for 3; \$3.50 per doz.
Gekka no nami (Waves Under the Moon); early, double white, good substance, yellow center.
Hana no nishiki (Brocade Flower); double; bright violet-purple, veined white.
Kimi no megumi (God's Blessing); very large, white petals ruffled on edge and veined with blue and having a touch of yellow at center.
Mahogany; rich red purple, double.
Purple; a very fine large, dark purple flower with a touch of yellow at center.
Tora-odori (Tiger Dance); white with violet tracings.
- *orientalis*; deep blue, 2 ft., *Oriental Iris*; June; 55c for 3; \$2.00 per doz.
Rich flowers among the narrow leaves.
- *pallida dalmatica*; lavender blue, 3 ft.; May; 55c for 3; \$2.00 per doz.
Clear toned flower, accented by yellow and white beard; broad, glaucous leaves.
- *Pseudacorus*; yellow, 3 ft.; *Yellow Flag*; early June; 55c for 3; \$2.00 per doz.
Small flowers of Japanese type, effectively naturalized along streams.
- *pumila*; deep blue purple, 12 in., *Dwarf Iris*; April-May; 55c for 3; \$2.00 per doz.
A large flower on a little plant.
- *caerulea*; azure blue, 4 in.; April; 65c for 3; \$2.50 per doz.
About half the size of *pumila*; a group of the plants looks like a reflection of the sky.
- Glee; yellow, April; 65c for 3; \$2.50 per doz.

CHELTENHAM PERENNIALS

- — Orange Queen; orange yellow, 4 in.; April; 65c for 3; \$2.50 per doz.
Tiny, showy variety.
- — Sulfur; the best of the yellows; 95c for 3; \$3.50 per doz.
- siberica Perry's Blue; 4 ft.; *Siberian Iris*; June; 65c for 3; \$2.50 per doz.
Medium-sized flowers above the foliage; graceful and effective.
- — alba; white, 4 ft.; June; 65c for 3; \$2.50 per doz.
Milky white with yellow markings.
- tectorum; deep lilac, 12 in.; *Roof Iris*; June; 95c for 3; \$3.50 per doz.
In Japan it is grown on the thatched roofs of the cottages. The blue flowers have a white crest.
- verna; violet blue, 6 in., *Vernal Iris*; May; 65c for 3; \$2.50 per doz.
Smallest of them all requires a very acid soil, and prefers a bit of shade.
- versicolor; blue, 3 ft.; *Water Iris*; June; 55c for 3; \$2.50 per doz.
Frequently seen wild on the edges of marshes.
- Jacob's Ladder—see *Polemonium*.
- Johnny-jump-up—see *Viola tricolor*.
- Kniphofia Uvaria Pfitzeri* (Tritoma); flame, 4 ft.; *Torch Lily*, *Red Hot Poker*; Sept.-Nov.; 65c for 3; \$2.50 per doz.
The best of the Torch Lilies; lower flowers of the rocket-like spike are yellow; protect.
- Lavandula vera* *Old English Lavender*, 1-3 ft.; 65c for 3; \$2.50 per doz.
Small gray, evergreen shrub with spikes of lavender flowers.
- Lavender—see *Herb Leaflet*.
- Lemon Lily—see *Hemerocallis*.
- Leopards' Bane—see *Doronicum*.
- Liatris scariosa*; light purple-violet, 6 ft.; *Blazing Star*; Sept.; 65c for 3; \$2.50 per doz. Round heads of flowers on long spikes, softer in color than *Kansas Gay Feather*.
- Lilium formosanum*; white, 18 in.; July; 95c for 3; \$3.50 per doz.
Narrow, nodding trumpets.
- regale (myriophyllum); white, 5 ft.; *Regal Lily*; end of June; 95c for 3; \$3.50 per doz.; potted plants 50c each.
Broad, horizontal trumpets yellow at center; reverses pinkish; very fragrant, easy to grow.
- superbum; orange, 8 ft.; *American Turk's Cap Lily*; July; 95c for 3; \$3.50 per doz.
Huge candelabra of 3 in. spotted flowers with petals well turned back.
- tenuifolium, scarlet, 3 ft.; *Coral Lily*; June; 95c for 3; \$3.50 per doz.
Brilliant, unspotted flowers of the Turk's Cap type; attractive in the rock garden.
- tigrinum; salmon-red, 6 ft.; *Tiger Lily*; July; 55c for 3; \$2.00 per doz.
A magnificent splash of color; sturdy and easily grown.
- Lily—see *Lilium*.
- Lily of the Valley—see *Convallaria*.
- Limonium—see *Statice*.
- Linum flavum*; yellow, 1 ft.; *Golden Flax*; June; 65c for 3; \$2.50 per doz.
Attractive almost transparent flowers and dark green foliage. A fine plant which blooms for a long time.
- perenne; blue, 2 ft., *Blue Flax*; May to June; 55c for 3; \$2.00 per doz.
Light and airy plants producing a sea of color in the morning; short-lived but self-sows.
- Lobelia cardinalis*; red, 4 ft., *Cardinal Flower*; July-Aug.; 65c for 3; \$2.50 per doz.
Blazing scarlet spikes, effective in deep shade.
- syphilitica; blue, 2 ft.; *Great Blue Lobelia*, Aug.-Sept.; 55c for 3; \$2.00 per doz.
Short, dense spikes on squat plants.
- Lychnis chalcedonica*; scarlet, 3 ft., *Scarlet Lightning*, June; 55c for 3; \$2.00 per doz.
The common name describes it well.
- Lysimachia clethroides*; white, 3 ft., *Goose-neck*, *Loosestrife*; July-Sept.; 55c for 3; \$2.00 per doz.
A nodding spike; plants spread rapidly in a moist situation.
- Mazus pumilio*; a dwarf mat-like plant covered in early spring with dainty lavender flowers. 65c for 3; \$2.50 per doz.
- Meadow Rue—see *Thalictrum*.
- Mertensia virginica*; blue, 1 to 2 ft., *Virginia Cowslip*, *Bluebells*; April; 65c for 3; \$2.50 per doz.
Clusters of drooping bluebells, pink in bud. A spring delight in woodland, moist meadow, or garden.
- Mint—see *Herb List*.
- Mistflower—see *Eupatorium*.
- Moss Pink—see *Phlox subulata*.
- Mullein—see *Verbascum*.
- Narcissus Bulbocodium*; yellow, 10 in.; *Hoop Petticoat Daffodil*, April; 65c for 3; \$2.50 per doz.
Broad, butter-colored trumpets, for the rock garden.

CHELTENHAM PERENNIALS

- *poeticus floraplena*; white, 2 ft.; May; 55c for 3; \$2.00 per doz.
Fluted petals with rosebud-like center; blooms well only in moisture and shade.
- Nepeta Mussini*; lavender blue, 2 ft.; *Lipwort*; May-June; 55c for 3; \$2.50 per doz.
Trailing, grayish plant, hidden by the small flowers which come again if encouraged by cutting off the seed.
- *Souv. d'Andre Chaudron*; lavender blue, 2 ft.; June; 95c for 3; \$3.50 per doz.
Larger flowers than *Mussini* and a more upright plant.
- Oenothera fruticosa Youngii*; yellow, 2 ft.; *Sundrops*; June; 55c for 3; \$2.00 per doz.
Colorful; spreads rapidly, but easily controlled.
- *missouriensis*; yellow, 1 ft.; *Missouri Evening Primrose*; June; 65c for 3; \$2.50 per doz.
A rock garden plant with flowers 6 in. across.
- Oxlip—see *Primula elatior*.
- Painted Daisy—see *Pyrethrum*.
- Papaver orientale*, 3-4 ft.; *Oriental Poppy*; late May, early June.
These great, colorful cups are garden favorites; best transplanted in Aug.; at all other times must be handled with extreme care from pots.
- Beauty of Livermore*; dark red, strong grower; 65c for 3; \$2.50 per doz.
Joyce; tall, brilliant cerise pink; 95c for 3; \$3.50 per doz.
Lula A. Neeley; one of the most popular poppies, good stiff stems support brilliant ox-blood red flowers. 95c for 3; \$3.50 per doz.
Mrs. Perry; light salmon pink; 65c for 3; \$2.50 per doz.
Olympia; double Chinese red; spreading habit; 65c for 3; \$2.50 per doz.
Perry's White; silvery white with maroon blotch at the base of each petal; 95c for 3; \$3.50 per doz.
Scarlet, 65c for 3; \$2.50 per doz.
Watteau; 22 in., excellent for the small garden with its dainty flesh coral flowers with no black spot; very floriferous. 50c each.
- *pilosum*; apricot, 2 ft.; *Olympic Poppy*; May-Sept.; 65c for 3; \$2.50 per doz.
Delicate flowers of delicious color and wiry stems; rather like a large Iceland Poppy, but a truly satisfactory perennial.
- Pardanthus*—see *Belamcanda*.
- Penstemon barbatus Torreyi*; coral red, 4 ft.; June; 65c for 3; \$2.50 per doz.
Brilliant and effective; must be staked.
- *ovatus*; blue, 4 ft.; late May, June; 65c for 3; \$2.50 per doz.
Has proved the most satisfactory of the blue *Penstemons* with us; straight, stiff spikes of clear color; prefers dry ground.
- Peony*, 2-3 ft.; May-June; 50c each; \$1.40 for 3; \$5.00 per doz.
Used in masses in large gardens and as accents in small, they are always effective. Prepare the ground deeply and plant with care, eyes 3 in. below the surface.
Baroness Schroeder; very large white flowers with shadings of flesh color; late.
Felix Crousse; ruby red, early, free blooming.
Festiva maxima; early white occasionally flecked red; vigorous.
Mme. Jules Elie; medium height; mid-season; lilac rose with silvery sheen; large handsome flowers.
- Phlox divaricata*; blue, 1 ft.; *Blue Phlox*; May; 65c for 3; \$2.50 per doz.
Selected for clear color; a delight wherever planted; woods, rock garden or border.
- *ovata caroliniana*; 1 ft., rose colored flowers with a slight magenta tint; blooms after *divaricata* and does well in the shade. 65c for 3; \$2.50 per doz.
- *paniculata*; 3 ft., *Garden Phlox*; Aug.; 65c for 3; \$2.50 per doz.
If you want to keep your *Phlox* true to color, never let the seed form.
Beacon; bright cherry red.
Daily Sketch; unusually large flowers of salmon pink with a vivid crimson eye; one of the best of the newer *Phloxes*. 95c for 3; \$3.50 per doz.
Enchantress; bright salmon pink.
Evelyn (new); rich salmon rose.
Graf Zeppelin; an improved *Europa*, white with a red eye; large flowers. 95c for 3; \$3.50 per doz.
Karl Forester; very bright orange red. 95c for 3; \$3.50 per doz.
Mrs. Jenkins; pure white.
Pastel Pink.
Prof. Went; vivid amaranth purple. 95c for 3; \$3.50 per doz.
- *subulata*; 4 in., *Moss Pink*; *Mountain Pink*; May; 65c for 3; \$2.50 per doz.
These creeping plants are very colorful and popular.
alba; white with yellow stamens.
atropurpurea; brilliant carmine-red.

CHELTENHAM PERENNIALS

- G. F. Wilson; clear gray-blue; comparatively slow growing.
Vivid; brilliant clear pink, dwarf.
- *suffruticosa* Miss Lingard; white, 3 ft.; June-Aug.; 65c for 3; \$2.50 per doz.
Bright, shiny foliage and panicles of fragrant flowers.
- Physostegia virginiana alba*; white, 4 ft.; *False Dragon Head*; Aug.; 55c for 3; \$2.50 per doz.
Useful in shady border; not so strong growing as the type.
- Vivid; rose, 2 ft.; Sept.; 55c for 3; \$2.00 per doz.
Rapid spreader, of compact habit, with very showy flowers.
- Pink—see *Dianthus*.
- Platycodon grandiflorum*; 3 ft.; *Balloon Flower*; July-Aug.; 65c for 3; \$2.50 per doz.
Balloon-like buds opening into flat saucers; an attractive bit of color in the garden all through the bare summer season. In color, blue or white.
- *semiplenum* (*floraplena*); 3 ft.; blue; July-Aug.; 50c each. Two rows of alternating petals; variable.
- *mariesii*; 2 ft.; July-Aug.; 65c for 3; \$2.50 per doz.
Dwarf type. In color, blue or white.
- Plumbago Larpentae*—see *Ceratostigma*.
- Plume Poppy—see *Bocconia*.
- Polemonium caeruleum*; blue, 3 ft.; *Jacobs Ladder*; late May-June; 65c for 3; \$2.50 per doz.
An attractive plant with graceful, pinnate leaves and erect stems of delicately colored flowers.
- *reptans*; light blue, 1 ft.; *Greek Valerian*; April-May; 65c for 3; \$2.50 per doz. The azure flowers almost hide the plant; semi-shade; foliage frequently dies down in mid-summer, but appears again in a month or two.
- Polyanthus—see *Primula polyantha*.
- Poppy—see *Papaver*.
- Primrose—see *Primula*, especially *vulgaris*.
- Primula*. All dislike heat and wet feet, but want plenty of moisture; most prefer some shade; *P. japonica* and *P. pulverulenta* require an abundance of water.
- *acaulis*—see *P. vulgaris*.
- *Auricula*; brown, yellow and violet, 8 in.; *Auricula*; May; 95c for 3; \$3.50 per doz.
Little smooth-leaved alpine, very fragrant; requires special care.
- *Bulleyana*; orange-scarlet changing to yellow, 2 ft.; June; 95c for 3; \$3.50 per doz.
Tall whorls of large flowers.
- *denticulata*; lilac, 1 ft.; April-May; 65c for 3; \$2.50 per doz.
Large, round heads of flowers; leaves disappear in winter.
- *alba*; white, 1 ft.; April-May; 50c each.
- *elatior*; yellow, 8 in.; *Oxlip*; April; 65c for 3; \$2.50 per doz.
- *frondosa*; pink, 5 in.; March-April; 65c for 3; \$2.50 per doz.
Umbels of small flowers resembling the "baby" primrose grown in houses.
- *japonica* Etna; cherry red, 2 ft.; late May-June; 95c for 3; \$3.50 per doz.
Whorl above whorl of brilliant flowers, needs lots of moisture.
- *officinalis*—see *P. veris*.
- *polyantha*; 1 ft.; *Polyanthus*; April-May.
Hybrids with large flowers, having many on one stem; the showiest and probably the easiest of the *Primulas*; likes more sun than most of them.
Bronze Queen; bronzy yellow; from seed—not selected plants but good colors; 95c for 3; \$3.50 per doz.
Flame; colored as described by the name; 95c for 3; \$3.50 per doz.
Giant Primrose; the same soft yellow as *P. vulgaris*; 95c for 3; \$3.50 per doz.
Munstead Strain; this large flowered strain varies from white to deep butter yellow; 95c for 3; \$3.50 per doz.
- *pulverulenta* Mrs. Berkeley; flowers blush pink with saffron eye, 3 ft.; 95c for 3; \$3.50 per doz.; May-June.
Same form as *P. japonica*.
- *veris*; 8 in.; *Cowslip*; April.
Cowslips have a bunch of small, fragrant, drooping flowers at the top of a stem.
All listed under this heading except the "type" are hybrids with larger flowers held more or less upright.
Type; bright yellow; 95c for 3; \$3.50 per doz.
Hose in Hose; old fashioned garden flowers now rare; one corolla within another; 50c each.
Mixed; all colors, orange, red, brown, yellow; 65c for 3; \$2.50 per doz.
- *vulgaris*; pale yellow, 6 in.; *Primrose*; March-April; 95c for 3; \$3.50 per doz.
True English Primrose; one flower to a stem; often appearing in Feb.

CHELTENHAM PERENNIALS

Pulmonaria angustifolia; blue, 1 ft.; *Lungwort*; April; 65c for 3; \$2.50 per doz.

Bright flowers somewhat resembling *Mertensia*, but a brighter blue and foliage does not disappear in summer.

Pyrethrum roseum hybridum (*Chrysanthemum coccineum*); mixed colors in red, pink and white, 2 ft.; *Painted Daisies*; May-June; 65c for 3; \$2.50 per doz.

Fern-like foliage close to the ground, from which spring the leafy stems bearing the *Painted Daisies*.

Ranunculus Ficaria; yellow, 5 in., *Lesser Celandine*; April; 55c for 3; \$2.00 per doz.

Red-hot-poker—see *Kniphofia*.

Rock Cress—see *Arabis* and *Aubretia*.

Rock Rose—see *Helianthemum*.

Salvia azurea; light blue, 4 ft.; *Blue Sage*; Aug.; 65c for 3; \$2.50 per doz.

The flowers are a bit of sky come to earth, but the plant is leggy unless it is pinched several times during the summer.

— *Pitcheri*; blue, 4 ft.; 95c for 3; \$3.50 per doz.

Dazzling; deeper blue and blooms slightly later than *azurea*.

— *farinacea* *Blue Bedder*; violet blue, 3 ft.; *Mealy Cup Sage*; July-Oct.; \$1.50 per doz.

Flowers all summer; neat plant, sometimes hardy, but usually treated as an annual.

— *officinalis*; *Sage*—see *Herb Leaflet*.

Sanguinaria canadensis; white, 1 ft.; *Blood-root*; April; 55c for 3; \$2.00 per doz.

The large flowers are well-known in the spring woods.

Saponaria ocymoides; pink, 9 in.; *Soapwort*; May; 65c for 3; \$2.50 per doz.

A trailing plant which gives a bit of color to the rock garden when there is not much bloom; foliage effect reddish.

Scabiosa caucasica *Isaac House*; lavender blue, 2 ft.; *Blue Bonnet*; June-Aug.; 95c for 3; \$3.50 per doz.

Beautiful flowers in round flat heads, but they never seem to thrive very well in our climate.

— *japonica*; violet blue, 2 ft.; Aug.-Nov.; 65c for 3; \$2.50 per doz.

A mass of bloom in the fall; wiry stems, excellent for cutting; biennial.

Sedum acre; yellow, 5 in.; June; 55c for 3; \$2.00 per doz.

A small plant but a mighty creeper.

— *album*; white, 8 in.; June-July; 55c for 3; \$2.00 per doz.

Evergreen, rapid spreader; attractive flowers.

— *dasyphyllum*; pale pink, 2 in.; July; 65c for 3; \$2.50 per doz.

Small and delicate; foliage gray green with pink tinge.

— *kamtschaticum*; orange, 9 in.; Aug-Sept.; 65c for 3; \$2.50 per doz.

Leaves large and bright green; flowers showy.

— *lydium*; white, 3 in.; June; 65c for 3; \$2.50 per doz.

Bronzy evergreen; a small and leisurely species; not too dry situation.

— *oppositifolium*—see *S. spurium*.

— *sexangulare*; yellow, 3 in.; June; 55c for 3; \$2.00 per doz.

Small, rapidly forms dense mats.

— *Sieboldii*, pink, 8 in.; Sept.-Oct.; 95c for 3; \$3.50 per doz.

Gray, pink-topped foliage; slow; a very fine plant.

— *spectabile*; pink, 18 in.; *Live Forever*; Aug.-Sept.; 40c for 3; \$1.50 per doz.

A common plant in cities where it withstands abuse.

— *spurium*; white, 6 in.; July; 55c for 3; \$2.00 per doz.

Large, nearly evergreen leaves; strong growing.

— *ternatum*; white, 6 in.; May; 65c for 3; \$2.50 per doz.

An attractive native doing best in shade, with a reasonable amount of moisture.

Sempervivum; *Hen and Chickens*, *Houseleek*. Little rosettes of fleshy leaves. All require good drainage.

— *arachnoideum*; red, 4 in.; *Cobweb Houseleek*; July; 65c for 3; \$2.50 per doz. Cobwebby rosettes less than an inch across.

— *Laggeri*; red, 4 in.; July; 65c for 3; \$2.50 per doz.

Rosettes twice the size of the type.

— *Doellianum*; pink, 6 in.; 55c for 3; \$2.00 per doz.

Neat, compact rosettes about 2 in across.

— *tectorum*; rose, 12 in.; June; 40c for 3; \$1.50 per doz.

Large, loose rosettes; easily grown.

— *atroviolacea*; rose, 12 in.; June; 65c for 3; \$2.50 per doz.

Similar to *tectorum* except that the rosettes have a purplish tinge.

CHELTENHAM PERENNIALS

Shooting Star—see Dodecatheon.

Silene Schafta; rose, 6 in.; *Moss Champion*; July-Aug.; 55c for 3; \$2.00 per doz.

Small, mossy plant, giving a touch of color to the rock garden at an off season.

Smilacina racemosa; white, 3 ft.; *False Solomon's Seal*; May; 65c for 3; \$2.50 per doz.

A leafy stem bearing a short terminal panicle of frothy flowers followed by red berries; easy, useful native, for shade.

Snow-in-summer—see *Cerastium*.

Speedwell—see *Veronica*.

Spirea Filipendula (*Filipendula hexapetala*); white, 3 ft.; *Dropwort*; June; 65c for 3; \$2.50 per doz.

An attractive plant with stiff stems and small delicate flowers.

— *purpurea* (*palmata*); rose pink, 4 ft.; *Meadowsweet*; June; 65c for 3; \$2.50 per doz.

— for other species see *Astilbe* and *Caryopteris*.

Statice latifolia (*Limonium latifolium*); lilac; 2 ft.; *Sea Lavender*; July-Aug.; 65c for 3; \$2.50 per doz.

Leaves hugging the ground; airy and graceful flowers, valuable for cutting and drying.

Stokesia cyanea (*laevis*); blue, 18 in.; *Stokes's Aster*; June; 65c for 3; \$2.50 per doz.

Shiny foliage; 4 in. flower heads on stiff angular stems.

Sundrop—see *Oenothera*.

Sun Rose—see *Helianthemum*.

Sweet William, Wild—see *Phlox divaricata*.

Thalictrum aquilegifolium; 3 ft.; *Meadow Rue*; May; 65c for 3; \$2.50 per doz.

Graceful plant with fluffy flowers in white and purple.

— *glaucum*; pale yellow, 2 ft.; June-July; 65c for 3; \$2.50 per doz.

Grown mostly for foliage but the flowers are attractive.

— *minus*; 18 in., yellow, June-July; 65c for 3; \$2.50 per doz.

A very dainty plant both in foliage and flower.

Thrift—see *Armeria*.

Thymus serpyllum album; white, trailing; *White Mountain Thyme*; June; 65c for 3; \$2.50 per doz.

Green, close creeping mat spangled with flowers.

— for other species see Herb Leaflet.

Tiarella cordifolia; white, 1 ft.; *Foam Flower*; May; 65c for 3; \$2.50 per doz.

Fluffy flowers above neat rosettes; woodland.

Torch Lily—see *Kniphofia*.

Tricyrtes hirta; *Japanese Toadlily*; 3 ft., flowers white spotted inside with purple, 1 in. long, Sept.-Oct.; 75c each.

Give it a rich, loose, damp, loamy soil where it is not exposed to the mid-day sun.

Trillium erectum; red, 1 ft.; *Purple Trillium*; May; 65c for 3; \$2.50 per doz. A curious flower for the wild garden.

— *grandiflorum*; white, 1 ft.; *Wake-Robin*; May; 65c for 3; \$2.50 per doz.

Large flowers fading rosy pink; borne close above the whorl of three leaves.

Tritoma—see *Kniphofia*.

Trollius Ledebouri *Golden Queen*; yellow, 2 ft.; *Globe Flower*; June; 95c for 3; \$3.50 per doz.

Slow growing, stately plant producing large, showy buttercups.

Turtlehead—see *Chelone*.

Valerian—see *Centranthus*, *Polemonium* and *Valeriana*.

Valeriana officinalis; white, 4 ft.; *Garden Heliotrope*; June; 65c for 3; \$2.50 per doz.

Flat heads of fragrant flowers tinged lavender; leaves compound.

Verbascum phoeniceum; pink or purple, 2 ft.; *Purple Mullein*; May-June; 55c for 3; \$2.00 per doz.

Rosettes of leaves pressed close to the ground; spikes of delicate flowers produced off and on all summer.

— *wiedemannianum*; 2-3 ft., May-June; 65c for 3; \$2.50 per doz.

Similar to *phoeniceum* except that the flowers are all the same color of lilac purple.

Veronica longifolia subsessilis; deep blue, 2 ft.; *Speedwell*; Aug.-Sept.; 95c for 3; \$3.50 per doz.

A valuable plant; long-blooming, showy and neat; needs more moisture than other species.

— *repens*; pale blue, 1 in.; May; 55c for 3; \$2.00 per doz.

Close creeping, moss-like plant; powdered with very pale flowers; ideal between stepping stones in summer; likes shade.

CHEL TEN HAM PERENNIALS

- rupestris; violet blue, 4 in.; May; 65c for 3; \$2.50 per doz.
Small, spreading species; sending up little spikes of clear-colored flowers.
 - spicata; 2 ft.; June-July; 55c for 3; \$2.00 per doz.
Flowers in long dense racemes; useful in the border. In color, blue or pink.
 - Teucrium Shirley Blue; blue; 1 ft.; May-June; 65c for 3; \$2.50 per doz.
Clear light blue flowers similar to rupestris but larger growing.
 - Viola—The pansy type are hardy perennials, but they must be given special care if they are not to vanish rapidly. All plants in this list except those called “violets” are of this type.
 - Apricot; apricot yellow, 9 in.; May on; 3 in. pots; 40c for 3; \$1.50 per doz.
Like small apricot pansies without blotches; clear color.
 - canadensis; white, 1 ft.; *White Violet*; May; 55c for 3; \$2.00 per doz.
Easy, hardy plants; flowers sometimes tinged purple; borne on leafy stems.
 - florariensis; violet blue, 6 in.; April-June and Fall; 3 in pots; 40c for 3; \$1.50 per doz.
A natural hybrid, blooming very early in the season; lower petals are cream, striped purple; neat in habit.
 - Jersey Gem; violet purple, 6 in.; May-Oct.; 65c for 3; \$2.50 per doz.
Well-known little plant, flowering all summer.
 - odorata Rosina; rose, 6 in.; *Pink Violet*; March-April; 95c for 3; \$3.50 per doz.
Very fragrant, rosy flowers on short stems; rich, shady ground.
 - Single Russian; blue, 6 in., March-April; 65c for 3; \$2.50 per doz.
Grown in coldframes these bloom most of the winter, except during extremely cold weather.
 - White; March-April; 95c for 3; \$3.50 per doz.
These are the familiar white fragrant violet which are rather scarce.
 - Purple Glory; several shades of purple, 6 in.; 65c for 3; \$2.50 per doz.
We have only had these one season but they have flowered all summer long when kept well fed and watered in dry weather.
 - tricolor; blue, yellow and purple, 8 in.; *Johnny-Jump-Up*; May-June; 55c for 3; \$2.00 per doz.
“Jumps up” all over the garden but is always welcome; we have several different color forms.
 - Wakerobin—see Trillium.
 - Wallflower—see Cheiranthus.
 - Yarrow—see Achillea.
 - Yucca filamentosa; 6 ft., *Adam's Needle*; June-July; white; 65c for 3; \$2.50 per doz.; large clumps \$1.00 each.
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HERBS

Does the new style of herb gardening appeal to you? Much interest is now being taken in the medicinal and sweet herbs which grew in Colonial gardens. Herbs have peculiar histories, and we find many recipes for their use in the old garden books and herbals. They were used medicinally to cure anything from indigestion to melancholy. Today thyme, marjoram, parsley, and sage are grown in kitchen gardens for garnishing, and for seasoning meats, poultry, soups, and sauces; others, such as rosemary, lavender, and lemon verbena, are liked for their pleasantly-scented foliage. If you are interested, send for our Herb List; it describes many quaint and unusual varieties.

SHRUBS

We are able to supply some of the more unusual shrubs— fine, healthy plants which we have propagated ourselves. We do not carry a full line of the ordinary shrubs, hedge plants, et cetera.

Acer palmatum—*Red Japanese Maple*, 25 ft.
Handsome trees with their bronzy red leaves all summer.
2 ft. \$2.50, 3 ft. \$4.00 each.

Arundinaria Metake, *Bamboo*, 15 ft. Nearly evergreen shoots, as much as an inch thick, form a dense leafy grove in a short time. Hardy, but sometimes winter-kills to the ground in a cold situation.
Good clumps \$1.00 each, \$10.00 per doz.

Azalea indica alba, *White Indian Azalea*, 6 ft. Evergreen with large and striking white flowers. Protected situation where winter sun cannot burn the foliage.
10 in., balled and burlapped, \$1.50 each.

— *kaempferi Feodora*, 4 ft. Hybrid, with large salmon rose flowers. Protected situation.
9-12 in., balled and burlapped, \$1.00 each, 12-15 in. \$1.25.

Buxus suffruticosa, *Old English Box*, 3 ft. This is the well known, small leaved, compact, slow growing evergreen which is so valuable for edging and permanent specimens. Our little plants have not been much damaged by the severe winters and are in excellent shape.
3 year old plants, 6 in. high, 20c each, \$2.00 per doz., \$15.00 per 100.

Calycanthus floridus, *Strawberry Shrub*, fragrant chocolate colored flowers in spring.
2-3 ft. 50c each.

Citrus trifoliata; *Hardy Orange*, 15 ft. Not to be confused with the Osage Orange; this neat, nearly evergreen, little tree has shiny green branches with long thorns. White flowers in spring are followed in fall by many small oranges which produce a colorful effect. Makes an attractive specimen, or an impenetrable hedge.
Specimens, 3-4 ft. \$1.00 each, 4-5 ft. \$1.50 each.
Hedge plants, 3-4 ft. \$3.00 per doz.

Cotoneaster horizontalis; *Rock Spray*, 3 ft. Slender, flat, spreading shrub with box-like leaves and red berries. Transplant with care from pots.
4 in. pots, \$.75 each.

— *microphylla*; 2 ft. Very small, bushy evergreen, with dark green leaves.
3 in. pots, \$.75 each.

Ilex aquifolium; *English Holly*, 40 ft. Not quite as hardy as the American but has darker shiny green leaves. Both staminate and pistillate plants.
3 in. pots, \$1.50 each.

— *opaca*; *American Holly*, 50 ft. The cheerful berries of this prickly evergreen are always seen at Christmas time. It is slow growing and prefers acid soil. These little potted plants are grown from cuttings selected for sex, so you may be certain of buying berry-bearing trees. Pistillate plants only.
3 in pots, \$1.50 each.

Jasminum nudiflorum; *Winter Jasmine*, 3 ft. 50c each.
Trailing or climbing shrub, producing its bright yellow flowers before the leaves, as early as February. Give it a southern exposure.

Kalmia latifolia; *Mountain Laurel*, 6 ft. Evergreen leaves and clusters of pink or white flowers. Requires shade and acid soil. Balled and burlapped.
30 in., \$3.00 each.
18 in., \$1.50 each.

Leucothoe Catesbaei; 4 ft. Broad-leaved, bronzy, evergreen, with drooping clusters of white waxy flowers in May.
1 ft., balled and burlapped, \$.75 each.

Meratia praecox; *Wintersweet*; 4-6 ft. Fragrant brownish yellow flowers in early spring.
1-2 ft 75c each.

Prunus padus; *European Bird Cherry*, 30-40 ft. Racemes of white flowers similar to lilacs.
3-4 ft., 50c each.

Rosa rubiginosa; *Sweet-Briar Rose*, 5 ft. The fragrance of the foliage is delightfully fresh. Covered with single, pink flowers in June.
3-4 ft., 50c each, \$3.00 per doz.

Stewartia pentagyna grandiflora. Handsome large shrubs with showy white, 3 in. flowers with purple stamens.
2-3 ft. \$2.50 each.

FERNS

If you wish to create a woodsy spot in your garden, nothing will do more than ferns to give it a quiet, restful atmosphere. Or if you are confronted with the problem of a bare, unsightly patch on the north side of your house or along the edge of the shrubbery border, ferns may happily solve your problem. Do not expect miracles from them, for they will not grow in hard, poor soil under the drip of eaves. However, it is possible to select a fern which will glorify almost any situation, provided the ground is well prepared—deep and loose with plenty of humus.

Adiantum pedatum, *Hardy Maidenhair*, 15 in., 95c for 3; \$3.50 per doz.

Plenty of shade and very rich, circumneutral soil. The most airy of our native ferns.

Aspidium (*Dryopteris*) *marginalis*; *Leather Wood-Fern*, 2 ft.; 95c for 3; \$3.50 per doz. Robust evergreen, showy species.

Asplenium Filix-femina, *Lady Fern*, 2 ft., 65c for 3; \$2.50 per doz.

Grows in sun or shade, dies down in mid-summer but soon comes up again with a good clean green. The finely cut fronds give a lacy effect.

Dicksonia punctiloba, *Hay-Scented Fern*, 2 ft.; 95c for 3; \$3.50 per doz.

Very similar to the Lady Fern except that the fronds are a little finer cut.

Osmunda Claytoniana, *Interrupted Fern*, 4 ft.; 95c for 3; \$3.50 per doz.

Easy; indifferent to sun or shade; likes stones. Easily transplanted; may be used in foundation plantings. The whole plant is shaped like a graceful fountain.

— *cinnamomea*, *Cinnamon Fern*, 4 ft.; 95c for 3; \$3.50 per doz.; large clumps 75c each.

Moist acid soil in sun or shade. Crowns of stiff, stately fronds. Resents transplanting.

— *regalis*, *Royal Fern*, 4 ft.; 95c for 3; \$3.50 per doz.; large clumps \$1.00.

Prefers wet, shaded situation, but can survive in any soil of acid inclination, which is not too dry. Soft and graceful in effect.

Polypodium vulgare, *Common Polypody*, 4-10 in.; 65c for 3; \$2.50 per doz.

A charming little evergreen fern suitable for the rock garden.

Polystichum (*Aspidium*) *acrosticoides*, *Christmas Fern*, 2 ft.; 95c for 3; \$3.50 per doz. Evergreen, grows well in almost any shady situation.

Pteridium aquilinum (*Pteris aquilina*); *Bracken Fern*, 3 ft.; 95c for 3; \$3.50 per doz.

Large coarse fern suitable for massing; hardy and durable in sun or shade.

GROUND COVERS

Euonymus radicans, *Winter Creeper*, large clumps 75c each.

Excellent to cover a low wall or where a low hedge is needed, also as a ground cover under trees. It is hardier than English Ivy.

Hedera helix, *English Ivy*, 75c each. These are fruiting forms of the type and are

seldom seen. Should be kept pruned to insure their fruiting.

Vinca minor, *Periwinkle*, *Myrtle*, 6 in., 65c for 3; \$2.50 per doz., \$14.00 per 100.

This little, trailing evergreen vine, with its blue flowers in spring, is always attractive and easy to establish.

— — *alba*, white form of the above.

GORDONIA CULTURE

The plants are rapid growers and respond well to any acid fertilizer. This, however, should not be applied late in the season as the fall growth may winterkill. During the first two growing seasons the young plants should be staked and kept well-watered. As the bark of the Gordonia is tender and succulent, it is much relished by rabbits which may kill the trees in the winter; but it is a simple matter to prevent damage of this sort by putting chicken wire around the trees in the fall. Except to remove crossing branches and to train to a desired shape, Gordonia alataamaha does not require pruning.

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GORDONIA ALATAMAHA — FRANKLIN'S TREE

In the autumn of 1765 the botanist John Bartram stood on the banks of the Alataamaha River in Georgia; he was waiting for a boat to ferry him to an Indian trading post on the far shore. Ever alert for new specimens, his attention was suddenly fixed by a small spreading tree with foliage of dark shining green. This was the Gordonia alataamaha, or Franklin Tree, from which are descended all plants now in existence. The last wild specimen was seen in 1790.

His son William wrote of it:

"We never saw it grow in any other place, nor have I seen it growing wild in all my travels . . . It is a flowering tree of first order for beauty and fragrance of blossom; the tree grows fifteen or twenty feet high, branching alternately; . . . the flowers are very large, expand themselves perfectly, are of a snow-white colour, and ornamented with a crown or tassel of gold-coloured refulgent staminae in their centre . . ."

In the vicinity of Philadelphia the Gordonia blooms from late July until the first frosts, when its leaves turn a warm red-orange; it is thus a strikingly ornamental tree at any season. The Cheltenham Nurseries offer to the discriminating gardening public healthy plants suitable for spring planting.

Gordonia alataamaha grows easily under proper conditions. It requires sun and a loose well-drained soil. It should be planted in the spring. Although its roots grow close to the surface they demand cool soil; this can best be affected by placing a mulch of peat moss or leaf-mold over the surface of the soil.

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15" Gordonia	\$2.00	3' Bush Gordonia	\$ 7.50
2' Gordonia	\$3.00	4' Gordonia	\$ 8.00
2' Bush Gordonia	\$4.00	5' Gordonia	\$10.00
3' Gordonia	\$5.00	Specimen Gordonia	\$15.00

